

[WHAT IS CLAIMED IS]

[Claim 1] A piezoelectric oscillator comprising:

a base;

a pedestal provided on said base;

a piezoelectric element having a plate shape, wherein the center portion thereof is retained by said pedestal, an oscillation element is formed on one side thereof, and a filter is formed on the other side thereof; and

an oscillation circuit provided on said pedestal, wherein said oscillation element serves as a frequency determination element, and an output is output through said filter to the outside.

[Claim 2] A piezoelectric oscillator according to Claim 1, wherein a ground electrode is formed in the center portion of the plate surface of said piezoelectric element.

[Claim 3] A piezoelectric oscillator according to Claim 1, wherein said piezoelectric oscillator is contained in a metal container.